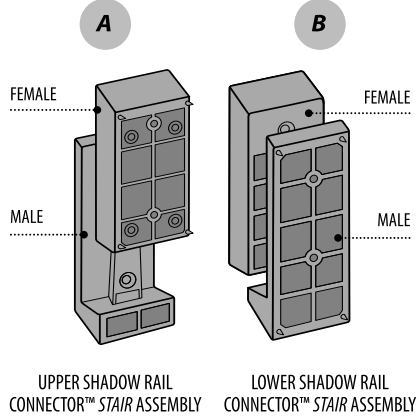


# INSTALLATION | SHADOW RAIL CONNECTOR™ Stair

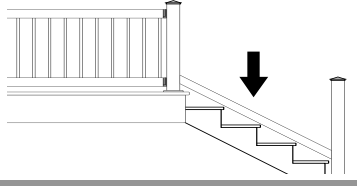
## IMPORTANT

UPPER (A) and LOWER (B) Shadow Rail Connector™ Stair assemblies look similar but are in fact *UNIQUE*. Each Stair assembly contains a *MALE* and *FEMALE* part specifically for UPPER and LOWER ends of the RAIL. Familiarize yourself with the corresponding Stair assembly and the end of the RAIL it was designed for.



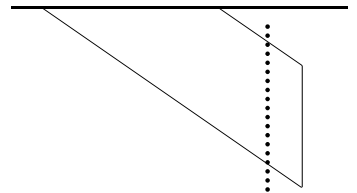
### 1 START

Dry fit the **BOTTOM RAIL** into place against the sides of posts for marking cut lines. Cut **BOTTOM RAIL** then use as template for **TOP RAIL**.



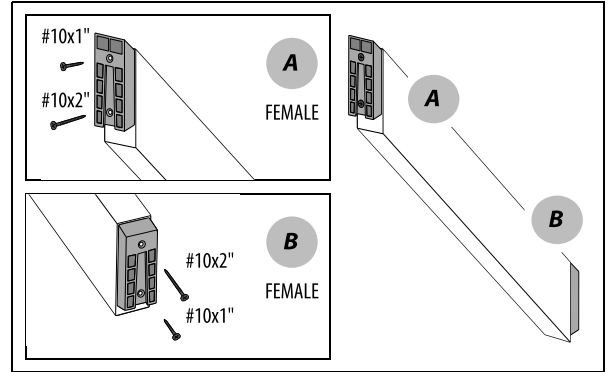
### 2

Cut 1-1/2" from *ONE SIDE ONLY* of **BOTTOM & TOP RAILS**, to allow installation space for *BOTH* Stair connector assemblies.

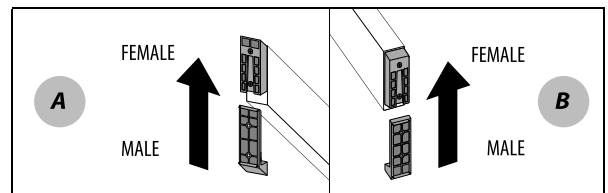


### 3

Screw the **FEMALE** connectors of **UPPER (A)** and **LOWER (B)** Stair assemblies to the ends of the **RAIL**.

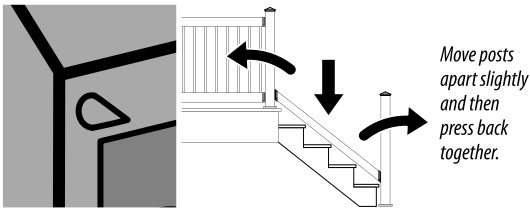


Slide **MALE** connectors into corresponding **FEMALE** connectors.



### 4

Dry fit the **BOTTOM rail** with Stair connector assemblies in place (Step 3) between posts.

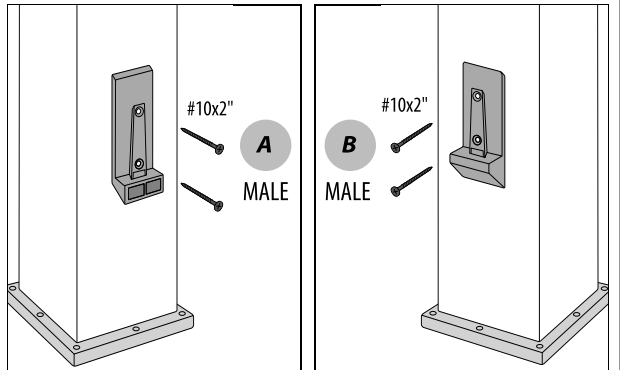


Move posts apart slightly and then press back together.

The **MALE GRIPPING CONES** will make *impression marks* into posts for relocating the **MALE** connectors.

### 5

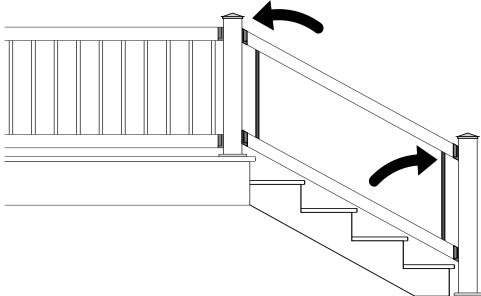
Remove the **BOTTOM RAIL** and slide apart **MALE** connectors. Relocate and screw **MALE** connectors to posts. Impression marks from gripping cones will help. Verify the corresponding **UPPER (A)** and **LOWER (B)** **MALE** connectors.



### 6

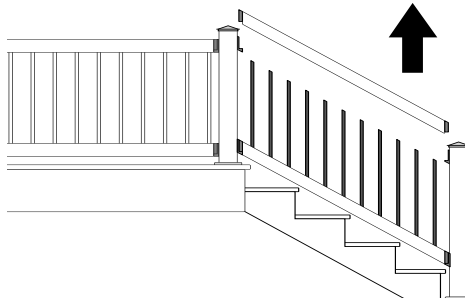
Install a baluster on each side of **BOTTOM RAIL**. Dry fit **TOP RAIL** with Stair connector assemblies in place.

Press **TOP RAIL** against posts to leave impression marks.



### 7

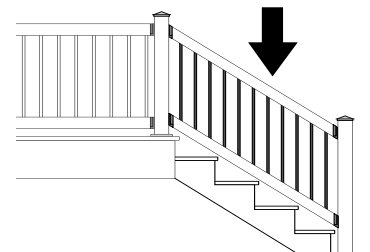
Remove the **TOP RAIL**. Install balusters. Relocate and screw **MALE** connectors to posts.



### 8

## FINISH

Slide the **TOP RAIL** into alignment with **MALE** connectors and balusters.



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